

AZERBAIJAN MONSOON TIME SCALE

GANGADHARA RAO IRLAPATI

H.NO.5-30-4/1, SAIBABANAGAR, JEEDIMETLA, HYDERABAD - 500 055,
TELANGANA, INDIA.

EMAIL:scientistgangadhar@gmail.com

ABSTRACT: Azerbaijan has a continental unfluenced climate with warm summer and very cold, dry winters. It can be divided in three different one south of these, and along the coast of the Caspian sea.

In addition to the oil and gas deposits Azerbaijan has rich deposits of natural minerals including Iron, Aluminum, Copper, Mercury, Gold, Construction materials, ceramics, semi precious stones, mineral waters. The ground water resources are famous for their quality as mineral drinking water and are also used for medical purposed. Azerbaijan has four river basins.

The structure of the landscape, climate and infrastructure makes the Azerbaijan vulnerable to emergencies as a result of a number of natural disasters like earth quakes, seasonal floods and land slides etc.,

KEY WORDS: Azerbaijan Monsoon Time Scale,

INTRODUCTION:

By establishing the Azerbaijan Monsoon Time Scale and maintain , the country can be estimated the impending weather conditions and natural calamities rains, floods, droughts and winds etc in advance. Surface water resources can stil be found.

AZERBAIJAN MONSOON TIME SCALE: Azerbaijan monsoon does not mean that Azerbaijan has a separate monsoon. Monsoon means a seasonal reversing wind accompanied by its corresponding weather changes and natural calamities in precipitation. We cannot be said that a monsoon especially to be relevant to a particular country. In every country, every year, in a certain order seasonal winds are repeating. Each and every country has its own monsoon winds and weather conditions. Keeping in view of all above geographical facts and circumstances, after studying the weather conditions and natural disasters in the Argentina, I have proposed a time scale to measure the seasonal winds of the country that is the Azerbaijan Monsoon Time scale.

This is very useful to study the Azerbaijan weather changes and natural calamities such as monsoon movements, rains and other weather changes in advance. The Azerbaijan Monsoon Time Scale – a Chronological sequence of events arranged in between time and weather with the help of a scale for studying the past's, present and future movements of monsoon in the Azerbaijan and its relationship with rainfall

and other weather conditions and natural calamities of the country.

Prepare the Azerbaijan Monsoon Time Scale having 365 horizontal days from March 21st to next year March 20th of a required period comprising of a large time and weather have been taken and framed into a square graphic scale. The main weather events if any of the Azerbaijan have been entering on the scale as per date and month of the each and every year. If we have been managing the scale in this manner continuously, we can study the past, present and future movements of the monsoon and other weather and its weather conditions and natural calamities of the country. The Azerbaijan Monsoon Time Scale reveals many secrets of the monsoon and weather and its relationship with rainfall & other weather problems and natural calamities of the country. The tracking date of main path & other various paths of the monsoon winds on the graph, denotes the onset of the monsoon and weather changes, monsoon pulses or low pressure systems, cyclones and other disturbances etc. And also we can find out many more secrets of the monsoon or weather conditions of the Azerbaijan such as droughts, famines, cyclones, heavy rains, floods etc in the country by keen study of the Azerbaijan Monsoon Time Scale.

USES:

By development of the Azerbaijan Monsoon Time Scale and maintain, the can be study and predict the monsoon movements, weather changes and its related impending weather conditions and natural

calamities rains, floods, landslides, avalanches, blizzard and droughts, extreme winter conditions, heavy rainfall, mudflows, extreme weather, cyclones, cloud burst, sand storms, hails, and winds etc in advance.

GLOBAL MONSOON TIME SCALES:

The global Monsoon Time Scale – a Chronological sequence of events arranged in between time and weather with the help of a scale for studying the past's, present and future movements of monsoon of a country and its relationship with rainfall and other weather problem and natural calamities.

GLOBAL MONSOON TIME SCALES
African Monsoon Time Scale
North American Monsoon Time Scale
Asian Monsoon Time Scale
Australian Monsoon Time Scale
European Monsoon Time Scale

REGIONAL MONSOON TIME SCALES
North American Monsoon Time Scale
North African Monsoon Time Scale
Indian Monsoon Time Scale
Western North Pacific Monsoon Time Scale
South American Monsoon Time Scale
South African Monsoon Time Scale
Australian Monsoon Time Scale
East Asian Monsoon Time Scale

SUB-REGIONAL MONSOON TIME SCALES
South Asian Monsoon Time Scale
Maritime Continent Monsoon Time Scale
East African Monsoon Time Scale
West African Monsoon Time Scale
Indo-Australian Monsoon Time Scale
Asian-Australian Monsoon Time Scale
Malaysian Australian Monsoon Time Scale
Northern Australian Monsoon Time Scale
Arizona Monsoon Time Scale
Mexican Monsoon Time Scale
South-West Monsoon Time Scale
North-East Monsoon Time Scale
South East Asian Monsoon Time Scale

INDIAN MONSOON TIME SCALE:

For example, I have prepared the monsoon time scale for India by preparing the scale having 365 horizontal days from 1st April to next year March 31st of 128 years from 1888 to 2016 of the required period comprising of large time and weather have been taken and framed into a square graphic scale. The monsoon pulses in the form of low pressure systems over the Indian region have been entering on the scale in stages by 1 for low, 2 for depression, 3 for storm, 4 for severe storm and 5 for severe storm with core of hurricane winds pertaining to the date and month of the each and every year. If we have been managing the scale in this manner continuously, we can study the past's and future's of the India Monsoon and its relationship with rainfall and other weather problems & natural calamities in India.

ANALYSIS:

The India Monsoon Time Scale reveals many secrets of the Indian monsoon and its relationship with rainfall & other weather problems and natural calamities. For example, some bands, clusters and paths of low pressure systems along with the main paths of the Indian Monsoon (South-east monsoon and north-west monsoon) clearly

Prepare the Global Monsoon Time Scale having 365 horizontal days from March 21st to next year March 20th of a required period comprising of a large time and weather have been taken and framed into a square graphic scale. The main weather events if any of the country have been entering on the scale as per date and month of the each and every year. If we have been managing the scale of a country in this manner continuously, we can study the past, present and future movements of monsoon of a country. We can make separate monsoon time scales per each and every individual country.

seen in the map of the Indian monsoon it have been some cut-edged paths passing through its systematic zigzag cycles in ascending and descending orders which causes heavy rains & floods in some years and droughts & famines in another years according to their travel. For example, during 1871-1990's, the main path of the Indian Monsoon was rising over June, July, August and creating heavy rains and floods in most years. During 1900-1920's, it was raising over August, September and resulting good rainfall in more years. During 1965-2004's it was falling over September and causing low rainfall and droughts in many years. At present it is rising upwards over June, July, August, September and will be resulting heavy rains & floods in coming years during 2004-2060. The tracking date of main path & other various paths such as south-east monsoon and north-west monsoon etc., of the Indian Monsoon denotes the onset of the monsoon, monsoon pulses or low pressure systems. And also we can find out many more secrets of the Indian monsoon such as droughts, famines, cyclones, heavy rains, floods, real images of the Indian monsoon, and onset & withdrawals of south east monsoon and north-west monsoon etc. by keen study of the Indian Monsoon Time Scale.

PRINCIPLE:

This is an Astrogeophysical / Astrometeorological phenomenon of effects of astronomical bodies and forces on the earth's geophysical atmosphere. The cause is unknown however the year to year change of movement of axis of the earth inclined at $23\frac{1}{2}$ degrees from vertical to its path around the sun does play a significant role in formation of clusters, bands & paths of the Indian Monsoon and stimulates the Indian weather. The inter-tropical convergence zone at the equator follows the movement of the sun and shifts north of the equator merges with the heat low pressure zone created by the rising heat of the sub-continent due to direct and converging rays of the summer sun on the India Sub-Continent and develops into the monsoon trough and maintain monsoon circulation.

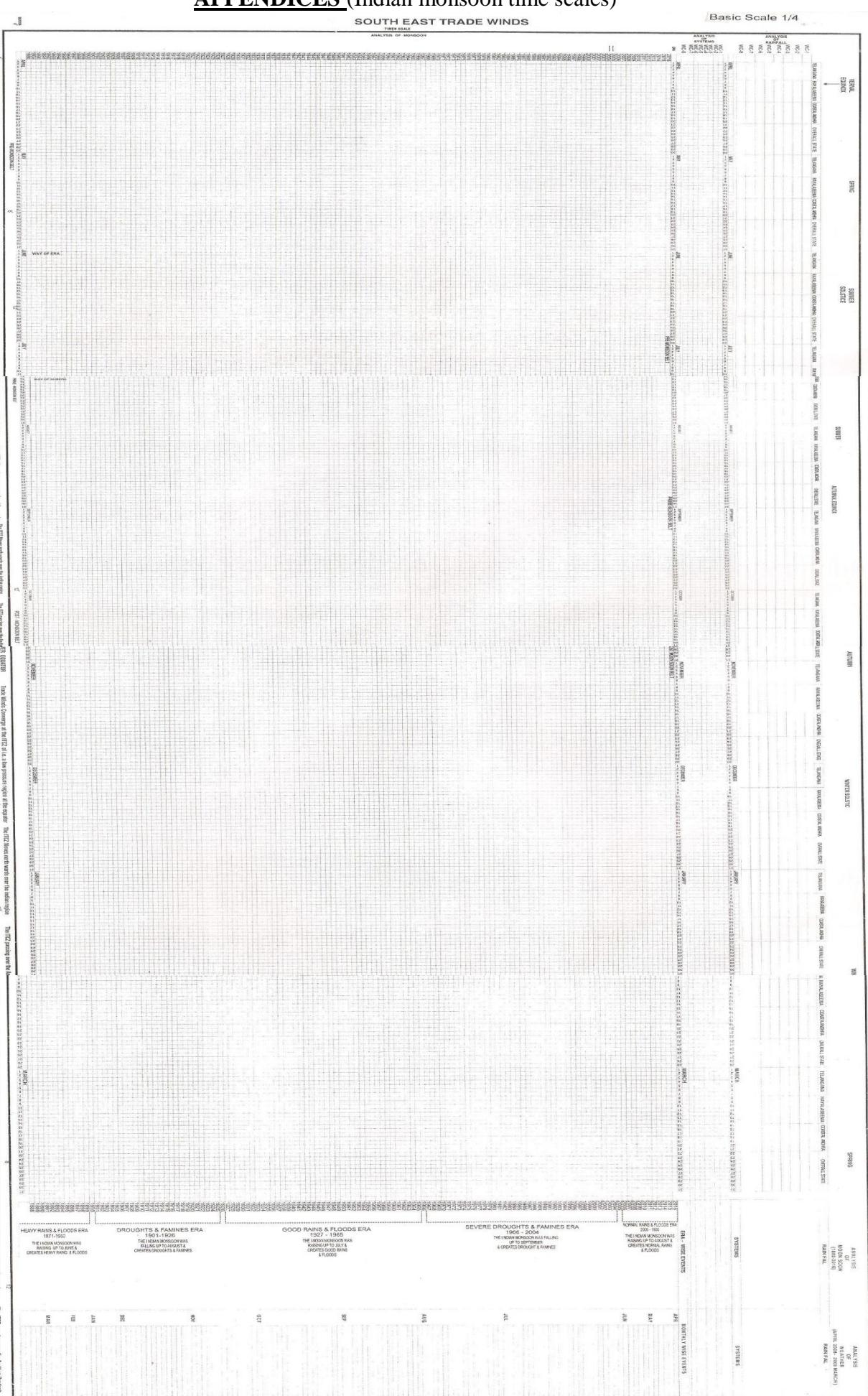
CONCLUSION:

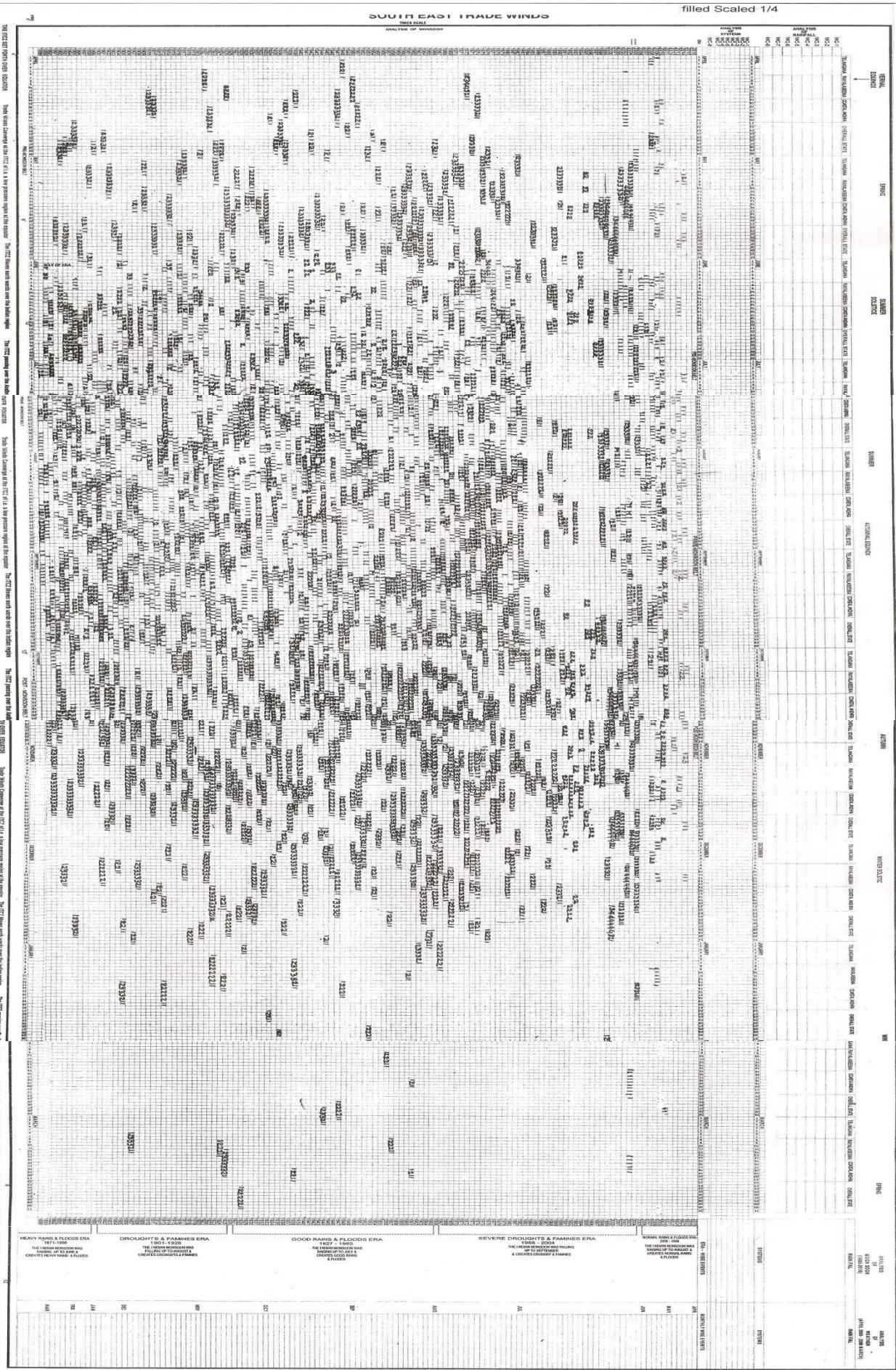
We can make many studies on the weather conditions and natural calamities of the country thus inventing many more forecasting systems and proposing mitigative measures for the welfare of people of the country Argentina.

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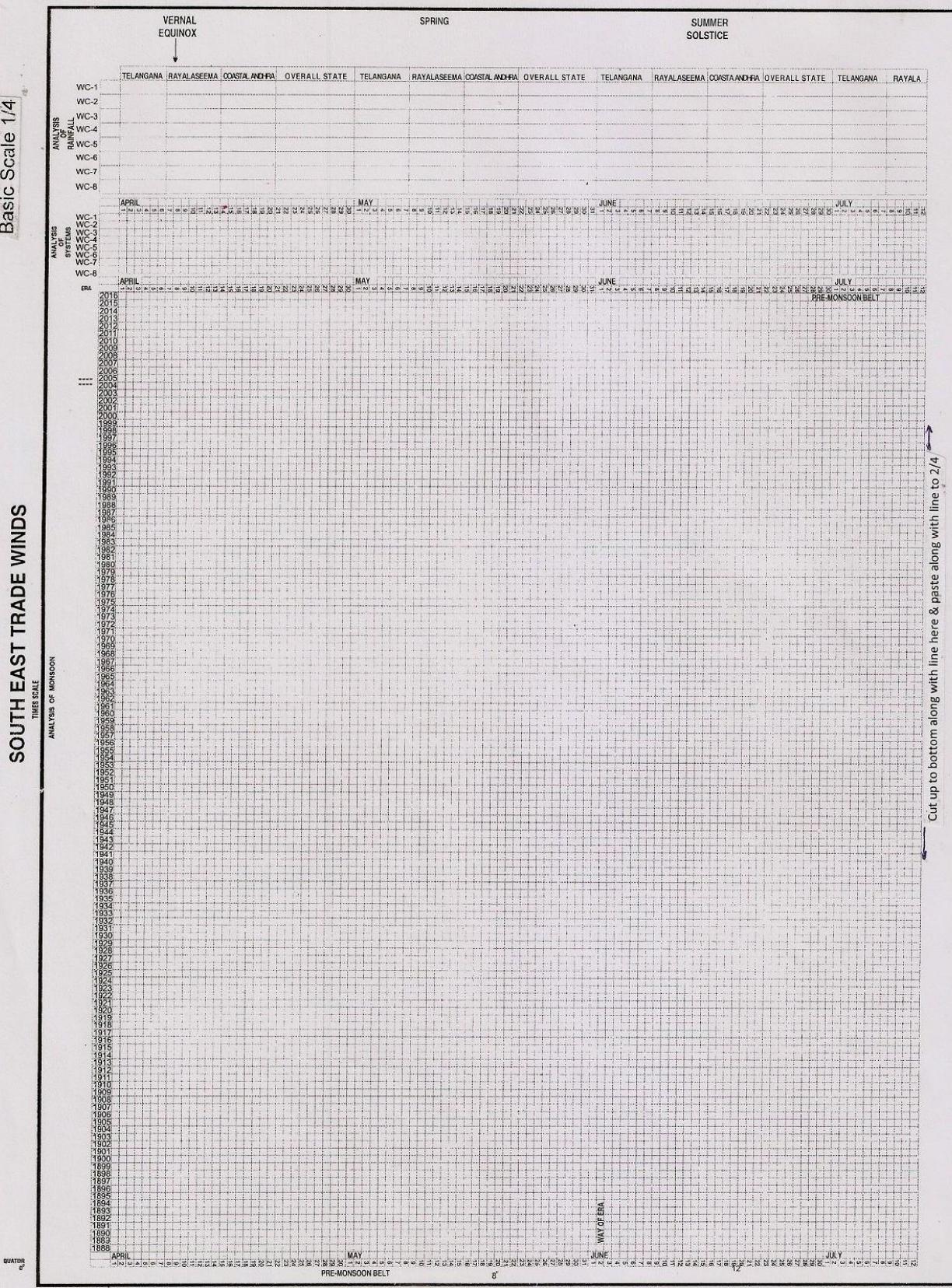
INDIAN WEATHER TIMES SCALE





SOUTH EAST TRADE WINDS

Basic Scale 1/4



THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator The ITCZ Moves north wards over the Indian region

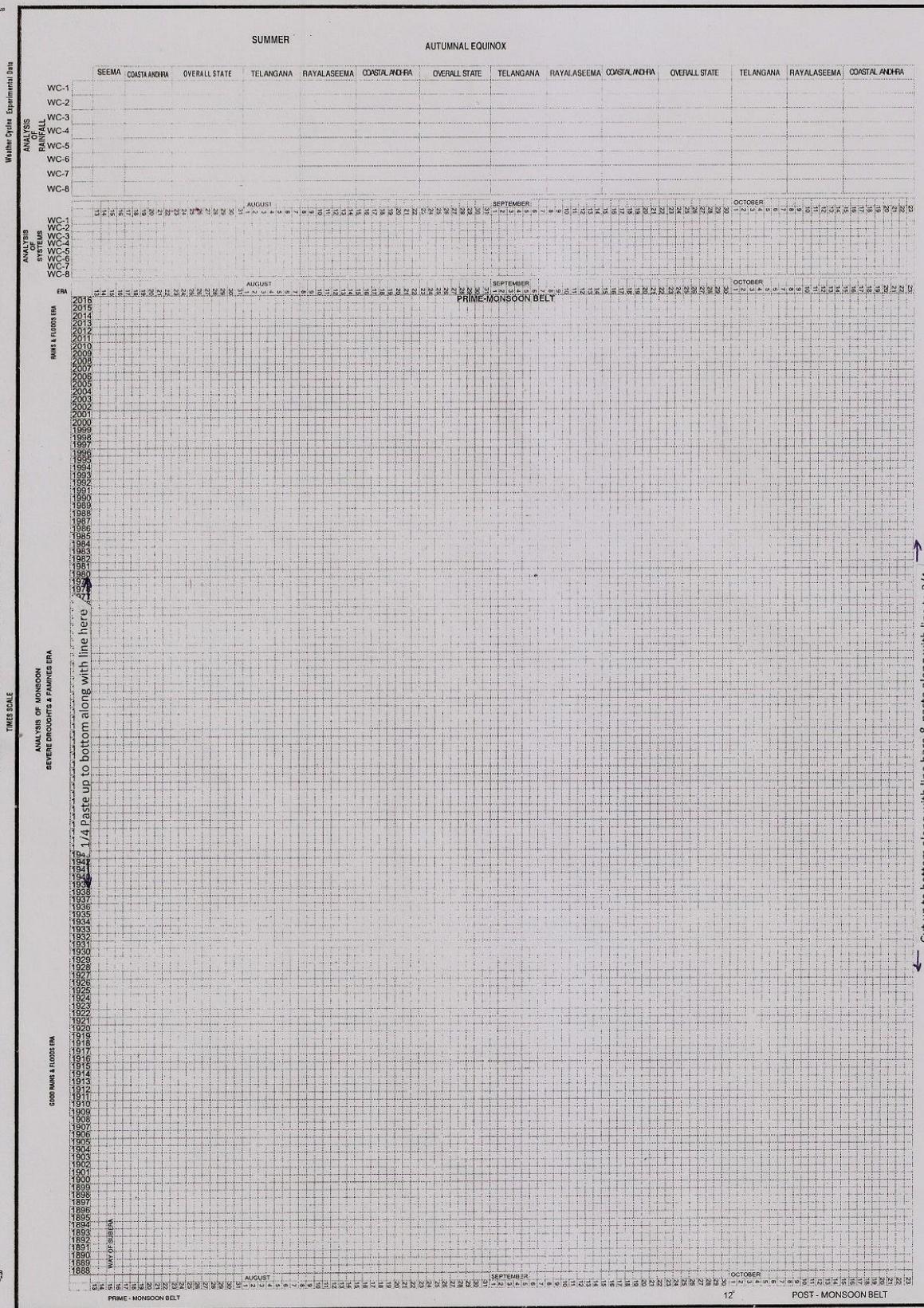
The ITCZ passing over the Andhra Pradesh

INDIAN WEATHER

Math-Drills.com

Basic Scale 2/4

SOUTH EAST TRADE WINDS



THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the Indian region

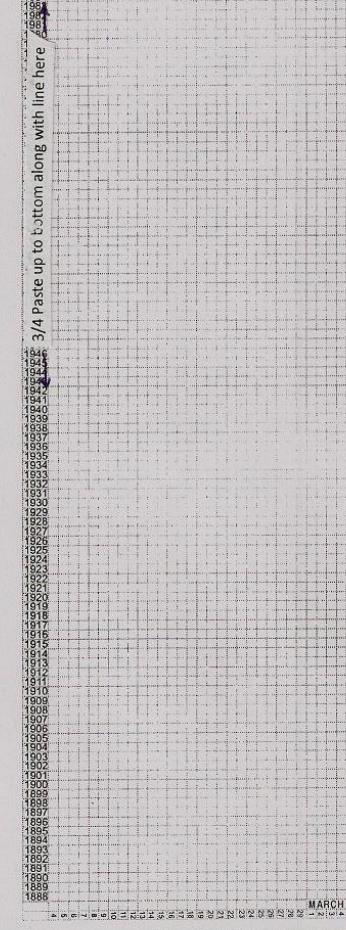
The ITCZ passing over the Andhra Pradesh

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SOUTH EAST TRADE WINDS

TIME SCALE

ANALYSIS OF MONGSON



EQUATOR

4

THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator The ITCZ Moves north wards over the Indian region

The ITCZ passing over the Andhra Pradesh

Basic Scale 4/4

Path Of Sun

Weather Cycle Experimental Data

ANALYSIS

RAINFALL

WC-1

WC-2

WC-3

WC-4

WC-5

WC-6

WC-7

WC-8

ANGANA RAYALASEEMA COAST & ANDHRA OVERALL STATE TELANGANA RAYALASEEMA COASTAL & ANDHRA OVERALL STATE

SPRING

ANALYSIS
OF
MOON SOON
(1888-2016)

RAIN FAL

ANALYSIS
OF
WEATHER
(APRIL 2006- 2009 MARCH)

RAIN FAL

SYSTEMS

SYSTEMS

ERA - WISE EVENTS

MONTHLY WISE EVENTS

APR												
MAY												
JUN												
JUL												
AUG												
SEP												
OCT												
NOV												
DEC												
JAN												
FEB												
MAR												

SEVERE DROUGHTS & FAMINES ERA

1946 - 2004

THE INDIA MONSOON WAS

RAISING UP TO JUNE &

CREATED NORMAL RAINS

& ORBITED DROUGHT & FAMINES

GOOD RAINS & FLOODS ERA

1927 - 1965

THE INDIA MONSOON WAS

RAISING UP TO JUNE &

CREATED HEAVY RAINS

& FLOODS

HEAVY RAINS & FLOODS ERA

1911-1900

THE INDIA MONSOON WAS

RAISING UP TO JUNE &

CREATED HEAVY RAIN & FLOODS

& FLOODS

NORMAL RAINS & FLOODS ERA

2005 - 1900

THE INDIA MONSOON WAS

RAISING UP TO JUNE &

CREATED NORMAL RAINS

& FLOODS

filled Scaled 1/4

סעיפים אמורים וארהויים

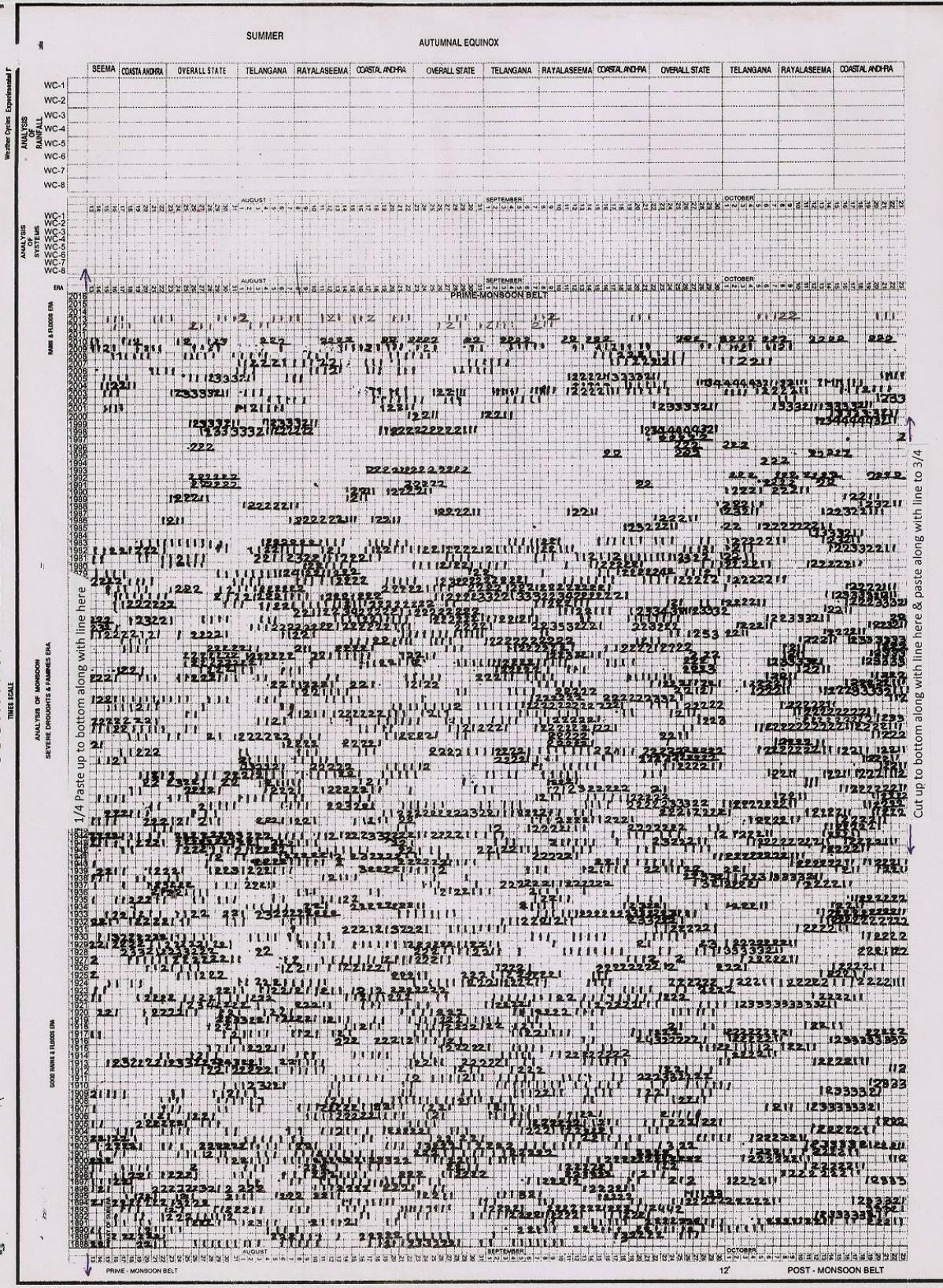
THE ITCZ SET FORTH OVER EQUATOR

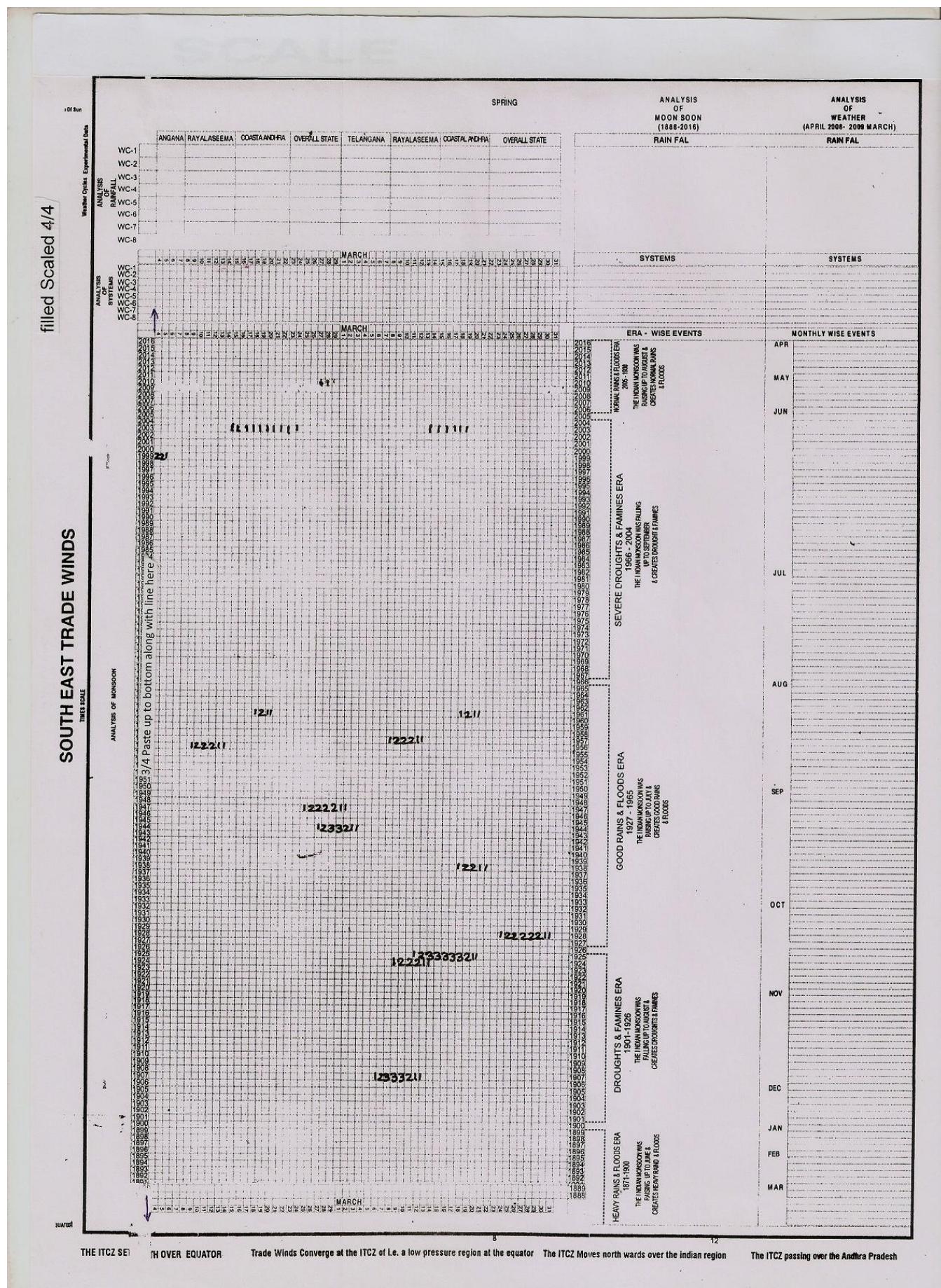
Trade Winds Converge at the ITCZ i.e. a low pressure region at the equator **The ITCZ Moves north wards over the Indian region**

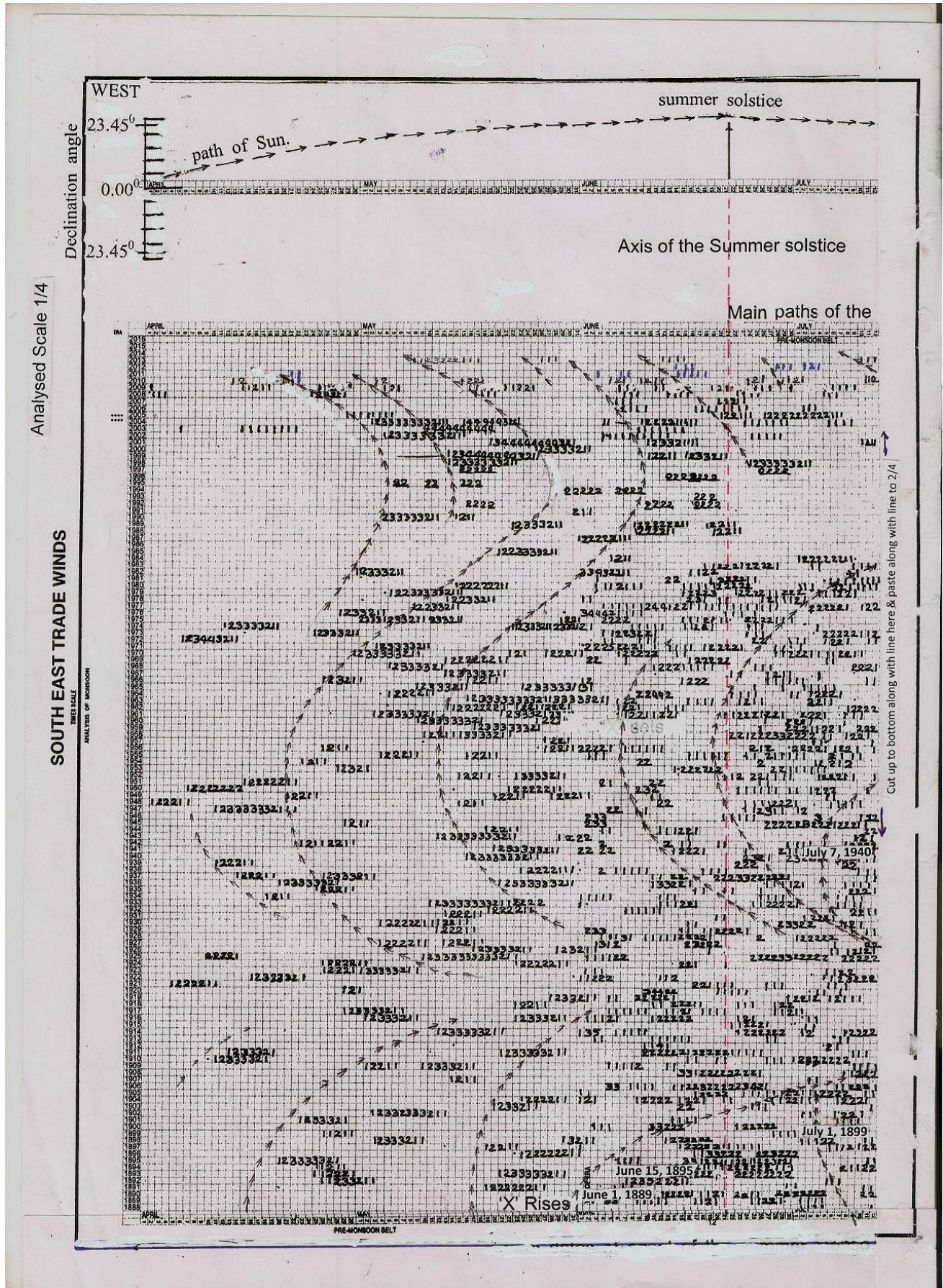
The ITCZ passing over the Andhra Pradesh

SOUTH EAST TRADE WINDS

filled Scaled 2/4





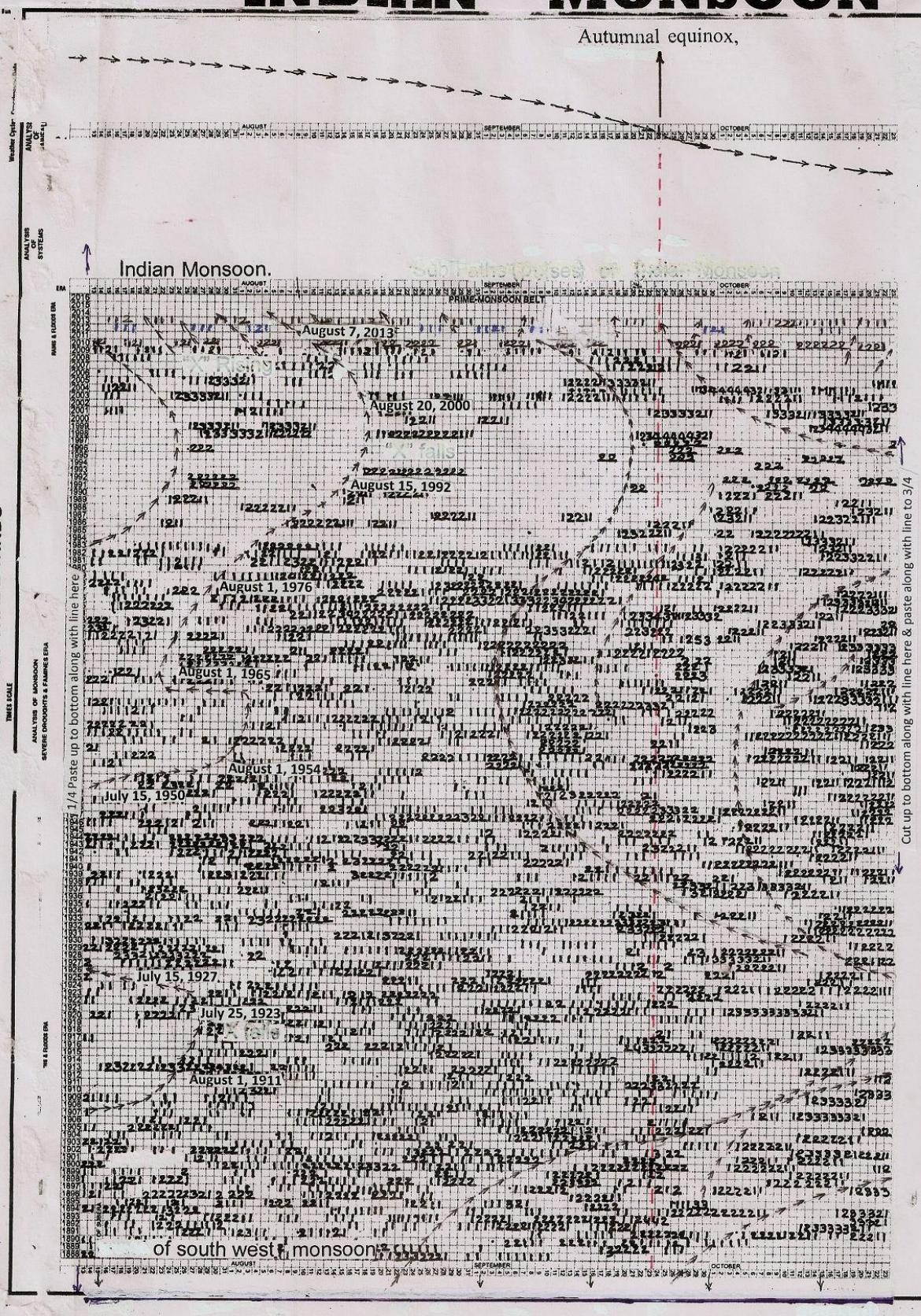


INDIAN MONSOON

Autumnal equinox,

Analysed Scale 2/4

SOUTH EAST TRADE WINDS



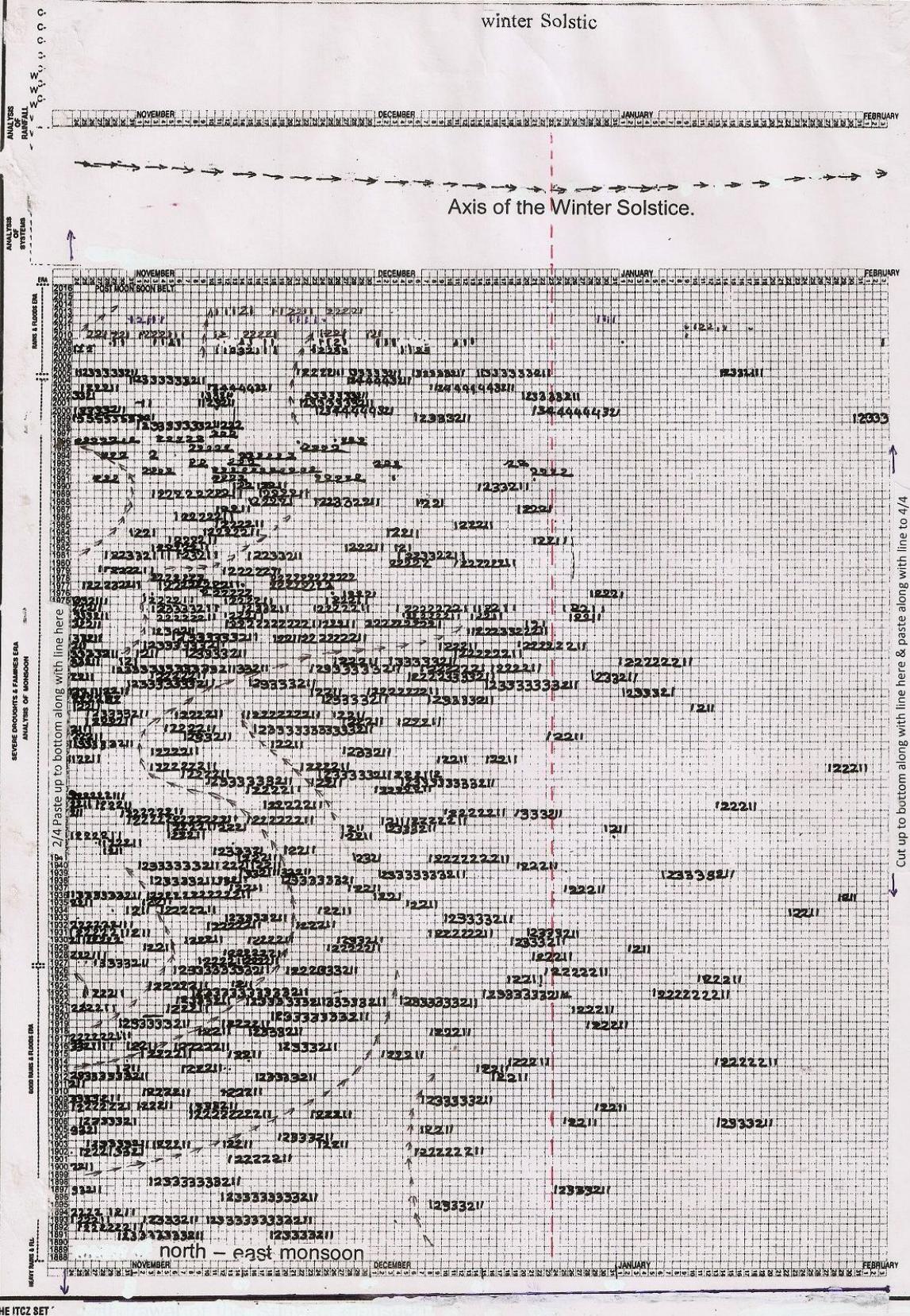
TIME SCALE

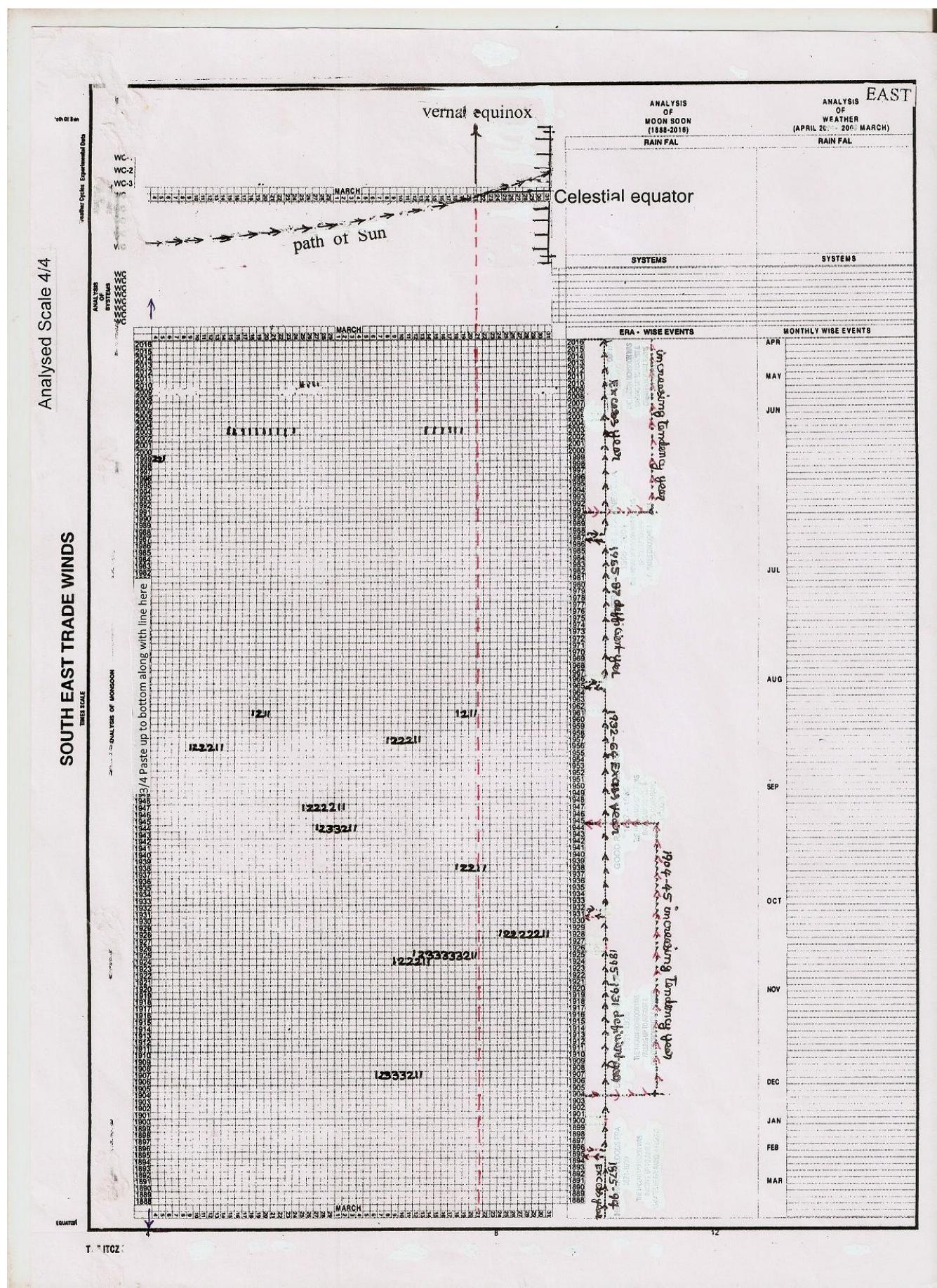
winter Solstic

Analysed Scale 3/4

UTH EAST TRADE WINDS

TIME SCALE





MAP OF THE INDIAN MONSOON

ANALYSIS
OF
Years
(1888-1893)

**ANALYSIS
OF
Months
(JUN/SEP)**

Computerised basic scale from 1888 year to 1983 year for the months of 1st June to September, 21st

ANALYSIS

path of the systematic cycle of the Indian Monsoon.

Computerised analysed scale from 1888 year to 1983 year for the months of 1st June to September, 31st.